



DC Motor Operated Ball Valve , Floating Control Automatic Ball Valve

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: OEM
- Certification: CE
- Model Number: WRA-4224
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Plywood Cases
- Delivery Time: 15-60 Days
- Payment Terms: L/C, T/T
- Supply Ability: Based On Order



Product Specification

- Material: Brass
- Working Volt: 24VDC
- Output Torque: 2.5-3N.m
- Application: Industrial Equipment, Water Flow Control
- Pipe Connection: G/BSP
- Media: Water ,50glycol
- Highlight: electrically operated valve

Product Description

floating control 24volt dc motor operated Electronic automatic ball valve

Description

DC motorized ball valve consists of on/off type or 3-point type actuator and W8BV... series ball valve, which have compact structure, stable operation, excellent capacity of water stoppage, large water flow rate, zero dirt block and low torque. DC motorized ball valves are widely used in HVAC system, heating system, water treatment system and some industrial equipment.

Function (3-point or on/off type)

The actuator is controlled by a modulating on/off or 3-point control signal, using reversible synchronous motor and gear speed reducer drive to fix and lock.

WRA-42... 3-point type

Brown wire is power on Valve open

Black wire is power on Valve close

Brown or black wire is power off Valve keep the current position

Blue wire is connected to the null wire.

Also can be used as on/off type.

WRA-42...A on/off type

Blue wire is the control wire. Power on: valve open, power off: valve close

Black wire is connected to the com.

Brown wire is connected to the power wire.

Only can be used as on/off type.

Model No.	Working Voltage	Actuator type	Output torque	Consumption	On/off time	Valve body
WRA-4224	DC24V	3-point or on/off	2N.m	2W	2-6S	W8BV215 W8BV220 W8BV225 W8BV315
WRA-4224A		On/off				W8BV320 W8BV325

Installation:

Insert the valve stem to the bottom of the actuator, and insert 2 pin, located in the bottom of the actuator to the valve's mounting hole. Then screw down the brass cap nut.

Application

HVAC system, heating system, Water treatment system, Industrial equipment.

Operational mode

Winner DC motorized ball valve is motor-operated by a type of WRA-42..., and WRA-42...A actuator. The actuator is controlled by a modulating on/off or 3-point control system and move the ball of the valve, to the opening position dictated by the control signal.

Technical data

Valve body:

Medium: cold/hot water, with 50% glycol Temperature of medium: 2°C...90°C

Rated pressure: PN20 Pipe connector: internal thread

Ambient temp. range: -20...+70°C; 0...95%RH Size: 1/2", 3/4" and 1" Valve type: 2-way and 3-way

Material

Valve body: forged brass, Hpb59-1 Seal: ball: EPDM+PTFE, with double O-ring

Ball: nickel-plated brass stem: EPDM O-rings, with double O-ring

Model No.	Inner Dia.	Inch	Kvs(m ³ /h)	Pvmax(KPa)	Ps(KPa)
W8BV215	12mm	1/2"	6.15	1000	1400
W8BV220	15mm	3/4"	10.5	1000	1400
W8BV225	20mm	1"	16.1	1000	1400
W8BV315	12mm	1/2"	3.95	1000	1400
W8BV320	15mm	3/4"	6.8	1000	1400
W8BV325	20mm	1"	15.8	1000	1400

Actuator

WRA-42... DC3/6-12/24V, 3-point

WRA-42...A DC3/6-12/24V, on/off

Output torque: 2N.m Angle of rotation: 90°

Protect rank: IP55/IP54 On/off time: 2-12S





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